临床医学专业本科人才培养计划 (六年制 MBBS 班)

Undergraduate Program for Specialty in MBBS (6-year Schooling)

一、培养目标

I. Program Objectives

本专业培养具有良好素质的初级医师,这种素质确保其毕业后作为医生时在上级医师指导下,从事安全有效的医疗实践,保证他们有适当的基础能够进行终身学习和在医学某一学科领域内进一步深造。

This program aims at cultivating elementary doctors of high quality who can engage in medical practice with effectiveness and security after graduation under the guidance of senior doctors, and have proper foundation to further study through their lives and make advanced study in a certain discipline field of the medical science.

二、基本规格要求

II. Learning Outcomes

本专业学生应掌握从事医疗实践工作的医学基础理论、基本知识和基本技能,具备良好的思想道德和职业态度,为毕业后教育打下坚实的基础。

Students of this specialty should master basic theory, knowledge and skills of medicine required for medical practice and possess good thought and morals and career attitude so as to lay a firm foundation for the continued education after graduation.

毕业生应获得以下的态度、知识和技能:

Graduates should acquire the following morals, knowledge and abilities:

态 度 要 求

- 1. 树立科学的世界观、人生观和价值观,愿为医学科学事业发展贡献力量。
- 2. 树立关爱病人观念,尊重病人人格,保护病人隐私;坚持以预防疾病发生、减轻和驱除患者的病痛为己任,认识到提供临终关怀的道德责任。
- 3. 充分认识医患沟通与交流的重要性,并积极与病人及病人家属进行交流,使其充分理解和配合诊疗计划的制订与实施。
- 4. 树立成本效益观念,注重合理用药,选择合理的诊治方案,充分掌握公平有效分配和合理使用有限资源的原则,充分利用可用资源达到康复的最大效益。
 - 5. 树立终身学习观念, 充分认识到不断自我完善和接受继续教育的重要性。
 - 6. 树立正确的医学伦理观念,尊重个人信仰,尊重每一个人,理解其人文背景及文化价值。
- 7. 树立实事求是的科学态度,对超出自己的业务能力而不能有效安全处理的医疗活动,主动寻求其他医师的帮助。
 - 8. 始终将病人及社区的健康利益作为自己的职业责任。
- 9. 具有创新精神和敢于怀疑、敢于分析批判的精神,具有为新知识产生、新技能的发现做出贡献的意识。
 - 10. 尊重同仁,树立团队意识。

11. 树立依法行医的观念, 学会用法律保护病人和自身的权益。

Attitude Requirements

- 1. Establish scientific outlook on world, life and values, and wish to contribute to the development of medical science.
- 2. Establish the idea of caring about patients, respect patients' personality, protect patients' personal secrets; adhere to the prevention of diseases and alleviation of patients' sufferings as your own duty, and realize the ethical responsibility of providing end-of-life care.
- 3. Fully realize the importance of communications between doctors and patients and communicate with patients and their family members actively so as to make them fully understand and cooperate with the drawing up and implementation of the treatment plan.
- 4. Establish the cost-effective idea, pay attention to using medicines rationally, choose a proper scheme of diagnosis and treatment, correctly apply the principle of a fair and effective distribution and rational use of the limited resources, and fully utilize the available resources to attain the greatest benefit of rehabilitation.
- 5. Establish the idea of studying throughout one's life and fully realize the importance of going on unceasing self-perfection and receiving continued education.
- 6. Establish the idea of medical ethics, respect personal faith, respect every person, and have a good understanding of his humane background and cultural value.
- 7. Establish scientific attitude of seeking truth from facts, when meeting with medical activities which go beyond your professional ability or which you can't manage effectively and safely, seek the help of other doctors voluntarily.
- 8. Regard health interests of patients and the community as your own professional responsibility all the time.
- 9. Establish the initiative spirit and spirits of daring to doubt and of daring to analyze and criticize, have the ideology of wishing to make contributions to the formation of new knowledge and to the discovery of new skills.
 - 10. Respect colleagues and establish team spirit.
- 11. Establish the idea of practicing medicine in accordance with the law, and learn how to protect the patients' and also your own rights and interests by using the law.

知 识 要 求

- 1. 基本掌握生物科学、行为科学和社会科学的有关知识和方法,并能够用于指导未来的学习和医学实践。
 - 2. 掌握生命各阶段人体的正常结构、功能和心理状态。
- 3. 掌握人体各阶段各种常见病、多发病(包括精神疾病)的发病原因,认识到环境因素、社会因素及行为心理因素对疾病形成与发展的影响,认识到预防疾病的重要性。
 - 4. 掌握人体各阶段各种常见病、多发病的发病机理、临床表现、诊断及防治原则。
 - 5. 掌握基本的药理知识及临床合理用药原则。
- 6. 掌握正常的妊娠和分娩、产科常见急症、产前和产后的保健原则,以及计划生育的医学知识。
- 7. 掌握健康教育、疾病预防和筛查的原则,掌握缓解与改善疾患和残障、康复以及临终看护的有关知识。
 - 8. 掌握临床流行病学和循证医学的有关知识与方法。
 - 9. 掌握常见急症的诊断、急救处理原则。
 - 10. 掌握中国传统医学的基本特点,了解中医的辨证论治原则。

- 11. 掌握传染病的发生、发展、传播的基本规律和常见传染病的防治原则。
- 12. 掌握汉语基本知识,了解中国概况。

Knowledge Requirements

- 1. Grasp the basic knowledge and scientific methods of bioscience, behavior science and social science which can be used for guiding study and medical practice in the future.
- 2. Master the normal structure, function and psychological condition of the human body at different stages of life.
- 3. Grasp various kinds of pathogenic factors of common diseases, frequently-occurring diseases (including mental diseases) at different stages of the human body, realize the influence of environmental factors, social factors and behavior psychological factors on the formation and development of diseases, and realize the importance of disease prevention.
- 4. Grasp the pathogenesis, clinical manifestations and principles for diagnosis, prevention and treatment of common diseases and frequently-occurring diseases at different stages of the human body.
 - 5. Grasp the basic knowledge of pharmacology and principles of rational clinical use of drugs.
- 6. Grasp normal gestation and childbirth, obstetrical emergency cases, antenatal and postpartum health care principles and medical knowledge of family planning.
- 7. Grasp the principles for health education, disease prevention and screening and possess the relevant knowledge of alleviating illnesses and disablement and promoting rehabilitation and hospice nursing.
- 8. Grasp the relevant knowledge and methods of clinical epidemiology and evidence-based medicine.
 - 9. Grasp the principles of diagnosis and first aid for emergency cases.
- 10. Grasp the basic characteristics of traditional Chinese medicine and understand the dialectical theory of Chinese medicine.
- 11. Grasp the basic laws for occurrence, development and spread of infectious diseases and principles for prevention and treatment of common infectious diseases.
 - 12. Grasp basic Chinese language and have a general overview of China.

技 能 要 求

- 1. 具有全面、系统、正确地采集病史和规范书写病历的能力。
- 2. 具有系统、规范地进行体格检查及精神检查的能力。
- 3. 具有较好的临床思维和表达能力。
- 4. 掌握内科、外科、妇产科、儿科等各科常见病、多发病的诊疗常规及常用临床操作规范。
- 5. 具有常见急症的诊断、急救及处理能力。
- 6. 具有根据具体情况选择使用合适的临床技术,选择最适合、最经济、合乎伦理的诊断、治疗方法的能力。
 - 7. 具有运用循证医学的原理进行医学实践,完善诊治方法的能力。
 - 8. 具有与同仁、病人及其家属进行有效交流和调动其合作的能力。
 - 9. 具有利用各种信息资源和信息技术进行自主学习与研究的能力。
 - 10. 具有对病人和公众进行有关健康生活方式、疾病预防等方面知识宣传教育的能力。
 - 11. 具有较强的汉语交流和阅读能力,能有效地与病人交流和沟通。

Skills Requirements

- 1. Have the ability of gathering medical history and writing case history correctly.
- 2. Have the ability of carrying out physical examinations and medical spirit inspections

systematically and standardly.

- 3. Have good clinical thinking and ability to express.
- 4. Master the routine diagnosis and treatment of common diseases and frequently-occurring diseases of internal medicine, surgery, gynecology and pediatrics and the daily routine operation norms.
 - 5. Have the ability of making diagnosis, first aid and management for emergency cases.
- 6. Have the ability of choosing and using suitable clinical skills according to concrete conditions and choosing the most suitable, most economical and most ethical diagnosis and treatment methods.
- 7. Have the ability of carrying out medical practice and perfecting the methods of diagnosis and treatment by applying the principles of "evidence-based medicine".
- 8. Have the ability of communicating with colleagues, patients and their family members effectively and arousing their cooperation.
- 9. Have the ability of making use of various kinds of information resources and information technology to keep on study and research independently.
- 10. Be able to carry out propagation and education to patients and the public about healthy life style, prevention of diseases, etc.
 - 11. Have the ability of hearing, speaking, reading, writing and translating specialized Chinese.

三、培养特色

III. Program Highlights

将人文、信息、计算机知识与临床医学知识相结合、培养具有良好素质的初级医师。

This program integrates the knowledge of humanities, information and computer science with that of clinical medicine so as to broaden the cultivation of elementary doctors of high quality.

四、主干学科

IV. Main Disciplines

基础医学 Basic Medical Science、临床医学 Clinical Medicine

五、学制与学位

V. Program Length and Degree

学制:基本为六年。 Duration: 6 years 授予学位: 医学学士

Degrees Conferred: Bachelor of Medicine & Bachelor of Surgery (MBBS)

六、学时与学分

VI. Credits Hours and Units

完成学业最低课内学分(含课程体系与集中性实践教学环节)要求:272.5 学分。其中,专业基础课程、专业核心课程学分不允许用其他课程学分冲抵和替代。

Minimum credits of curricular (comprising course credits hours and units and practicum credits): 293 credits. Major-related basic courses and core courses cannot be covered using credits from other courses in the program.

1. 课程体系学时与学分

Course Credits Hours and Units

华中科技大学 2017 级本科专业培养计划

| | 课程类别 | 课程性质 | 学时/学分 | 占课程体系学分比例(%) |
|------|----------|------|-----------|--------------|
| 通识 | 只教育基础课程 | 必修 | 1000/62.5 | 28.28 |
| 学科基础 | 学科大类基础课程 | 必修 | 1608/80 | 36.20 |
| 课程 | 学科专业基础课程 | 必修 | 368/23 | 10.40 |
| 专业课程 | 专业核心课程 | 必修 | 888/55.5 | 25.12 |
| | 合 计 | | 3864/221 | 100 |

| | Course Type | Required /Elective | Hrs/Crs | Percentage (%) | | | | | |
|------------------------|------------------------------------|--------------------|-----------|-------------------|--|--|--|--|--|
| General Ed | ucation Core Curriculum | Required | 1000/62.5 | 28.28 | | | | | |
| Discipline-related | Discipline-related General Courses | Required | 1608/80 | 36.20 | | | | | |
| Courses | Basic Sub-disciplinary Courses | Required | 368/23 | 10.40 | | | | | |
| Major-specific courses | Major-specific Core Courses | Required | 888/55.5 | 25.12 | | | | | |
| | Total | | | | | | | | |

2. 集中性实践教学环节周数与学分

Practicum Credits

| 实践教学环节名称 | 课程性质 | 周数/学分 | 占实践教学环节学分比例(%) |
|----------|------|-----------|----------------|
| 入学教育 | 必修 | 1 w/0.5 | 0.97 |
| 临床见习 | 必修 | 36w/18.0 | 34.95 |
| 临床实习 | 必修 | 64w/32.0 | 62.14 |
| 毕业考试 | 必修 | 1 w/0.5 | 0.97 |
| 毕业教育 | 必修 | 1 w/0.5 | 0.97 |
| 合计 | | 103w/51.5 | 100 |

| Practical Training Items | Required /Elective | Weeks/Credits | Percentage (%) |
|--------------------------|--------------------|---------------|----------------|
| Admission Education | Required | 1 w / 0.5 | 0.97 |
| Clinical Clerkship | Required | 36 w / 18.0 | 34.95 |
| Clinical Internship | Required | 64w/32.0 | 62.14 |
| Graduation Examination | Required | 1 w / 0.5 | 0.97 |
| Graduation Education | Required | 1 w / 0.5 | 0.97 |
| Total | | 103w/51.5 | 100 |

七、主要课程

VII. Main Courses

系统解剖学 Systematic Anatomy、组织学与胚胎学 Histology and Embryology、生理学 Physiology、生物化学与分子生物学 Biochemistry & Molecular Biology、病原生物学 Pathogen Biology、医学免疫学 Medical Immunology、病理学 Pathology、病理生理学 Pathophysiology、药理学 Pharmacology、诊断学 Diagnostics、内科学 Internal Medicine、外科学 Surgery

八、主要实践教学环节

VIII. Practicum Module

临床见习 Clinical Clerkship、临床实习 Clinical Internship

九、教学进程计划表

IX. Course Schedule

院(系):同济医学院

专业:临床医学专业(六年制 MBBS 班)

Specialty: Clinical Medicine (6-year's schooling)

| 课程 课程 课程 类别 性质 代码 | | 课程 代码 | 课程名称 | | 学分 | | 其 · Inclu | ding | | 设置 |
|--|-----------------------|----------------|---|-----------|-----|---------------|---------------|-----------------------|-------------|----------------|
| | required/ elective | course code | course name | 学时 hrs | crs | 大课 lecture | 小课 tutoral | 实验/ 实践 exp/prac | 课外 extra | 学期 semester |
| | 必修 Required | CHI0081 | 初级汉语(一) Elementary Chinese([) | 136 | 8.5 | 136 | | | | 1 |
| | 必修 Required | CHI0111 | 初级汉语(二) Elementary Chinese(∐) | 80 | 5 | 80 | | | | 2 |
| | 必修 Required | CHI0221 | 初级汉语阅读(一) Elementary Chinese Reading([) | 48 | 3 | 48 | | | | 1 |
| | 必修 Required | CHI0091 | 初级汉语听力(一) Elementary Chinese Listening(]) | 48 | 3 | 48 | | | | 1 |
| 素质数 | 必修 Required | CHI0101 | 初级汉语听力(二) Elementary Chinese Listening (II) | 48 | 3 | 48 | | | | 2 |
| 素质教育通识课程 | 必修 Required | CHI0211 | 初级汉语口语(一) Elementary Spoken Chinese([) | 48 | 3 | 48 | | | | 1 |
| 识课 程 | 必修 Required | CHI0121 | 中级汉语(一) Intermediate Chinese([) | 80 | 5 | 80 | | | | 3 |
| Essent | 必修 Required | CHI0131 | 中级汉语(二) Intermediate Chinese(∐) | 64 | 4 | 64 | | | | 4 |
| ial–qua | 比al-quired CHI01 | | 中级汉语(三) Intermediate Chinese (Ⅲ) | 64 | 4 | 64 | | | | 5 |
| lities-c | 必修 Required | CHI0151 | 中级汉语(四) Intermediate Chinese (IV) | 64 | 4 | 64 | | | | 6 |
| prientec | 必修 Required | CHI0161 | 医学汉语(一) Medical Chinese ([) | 64 | 4 | 64 | | | | 2 |
| Essential-qualities-oriented Education General | 必修 Required | CHI0171 | 医学汉语(二) Medical Chinese (∐) | 32 | 2 | 32 | | | | 3 |
| tion G | 必修 Required | CHI0181 | 医学汉语(三) Medical Chinese (Ⅲ) | 32 | 2 | 32 | | | | 4 |
| | 必修 Required | СНІ0191 | 医学汉语(四) Medical Chinese (IV) | 32 | 2 | 32 | | | | 5 |
| Courses | 必修 Required | CHI0201 | HSK强化 HSK Training | 32 | 2 | 32 | | | | 6 |
| 3 2 | 必修 Required | CHI0021 | 中国概况 Survey of China | 32 | 2 | 32 | | | | 3 |
| | 必修 Required | BIO0021 | 大学计算机基础 Introduction to Computer Technology | 32 | 2 | 20 | | 12 | | 1 |
| | 必修 Required | MAN2661 | 计算机网络技术及应用 Computer Network & Application | 48 | 3 | 32 | | 16 | | 2 |
| | 必修 Required | BIO0841 | 生命科学导论 Introduction to Life Sciences | 16 | 1 | 16 | | | | 1 |

续表

| 课程 | | | 课程名称 | | 学分 | | 其: Includ | - | | 设置 |
|----------------------------|-----------------------------|---------|--|-----------|-----------|---------------|---------------|-----------------------|-------------|----------------|
| 类别 course type | 性质 required/ elective | | 珠柱石标 Course name | 学时 hrs | 子が CrS | 大课 lecture | 小课 tutoral | 实验/ 实践 exp/prac | 课外 extra | 学期 semester |
| | 必修 Required | MAT0671 | 微积分(四) Calculus ([V) | 56 | 3.5 | 56 | | | | 1 |
| | 必修 Required | PHY0541 | 大学物理(四) Physics ([V)87559551 | 64 | 4 | 64 | | | | 2 |
| | 必修 Required | PHY0611 | 基础物理实验(一) Physical Experiments | 32 | 1 | | | 32 | | 2 |
| | 必修 Required | CHE0711 | 基础化学(二) Fundamental Chemistry(II) | 88 | 5.5 | 50 | | 38 | | 1 |
| | 必修 Required | CHE0821 | 有机化学(一) Organic Chemistry(∐) | 96 | 6 | 52 | | 44 | | 2 |
| 学 | 必修 Required | BIO0781 | 细胞生物学 Cell Biology | 48 | 3 | 32 | | 16 | | 2 |
| 学科基础课程: | 必修 Required | BMS0512 | 系统解剖学 Systematic Anatomy | 128 | 6.5 | 80 | | 48 | | 3 |
| 课程 | 必修 Required | BMS0521 | 局部解剖学 Regional Anatomy | 72 | 2 | | | 72 | | 6 |
| 学科士 | 必修 Required | BMS0562 | 组织学与胚胎学 Histology and Embryology | 112 | 5.5 | 68 | | 44 | | 3 |
| 学科大类基础 | 必修 Required | BMS0744 | 生理学 Physiology | 112 | 7 | 100 | 12 | | | 4 |
| | 必修 Required | BMS0671 | 机能实验1 Functional Experiments 1 | 32 | 1 | | | 32 | | 4 |
| ipline-1 | 必修 Required | BMS0592 | 生物化学与分子生物学 Biochemistry & Molecular Biology | 136 | 7 | 94 | | 42 | | 4 |
| Discipline-related General | 必修 Required | BMS0832 | 医学遗传学 Medical Genetics | 32 | 1.5 | 20 | | 12 | | 5 |
| Genera | 必修 Required | BMS0802 | 医学免疫学 Medical Immunology | 48 | 2.5 | 36 | | 12 | | 5 |
| l Courses | 必修 Required | BMS0551 | 病原生物学 Pathogenbiology | 128 | 6 | 74 | | 54 | | 5 |
| es | 必修 Required | BMS0543 | 病理学 Pathology | 104 | 5.5 | 50 | 18 | 36 | | 6 |
| | 必修 Required | BMS0582 | 药理学 Pharmacology | 80 | 5 | 52 | 28 | | | 7 |
| | 必修 Required | BMS0681 | 机能实验2 Functional Experiments 2 | 64 | 2 | | | 64 | | 7 |
| | 必修 Required | BMS0531 | 病理生理学 Pathophysiology | 56 | 3.5 | 48 | 8 | | | 7 |
| | 必修 Required | CLF0603 | 物理诊断学 Physical Diagnostics | 80 | 4 | 38 | | 42 | | 7 |
| | 必修 Required | CLF0571 | 实验诊断学 Experimental Diagnostics | 40 | 2 | 20 | | 20 | | 7 |

续表

| 课程 | 课程 | 课程 | 课程名称 | 学时 | 学分 | | 其 · | | | 设置 |
|-----------------------------|-----------------------------|----------------------|--|-----------|-----------|---------------|---------------|-----------------------|-------------|----------------|
| 类别 course type | 性质 required/ elective | 代码 course code | 床住名称 Course name | 子的 hrs | 子が Crs | 大课 lecture | 小课 tutoral | 实验/ 实践 exp/prac | 课外 extra | 学期 semester |
| | 必修 Required | CLF0581 | 手术学 Fundamentals of Operation | 32 | 2 | 4 | | 28 | | 8 |
| | 必修 Required | CLF0612 | 医学影像学 Medical Imaging | 40 | 2.5 | 40 | | | | 8 |
| B 兴 | 必修 Required | PUH0571 | 循证医学 Evidence-based Medicine | 24 | 1.5 | 24 | | | | 8 |
| 学科基础课程 | 必修 Required | PUH0602 | 预防医学 Preventive Medicine | 72 | 4.5 | 72 | | | | 7 |
| Sub-disciplinary Courses | 必修 Required | PUH2081 | 卫生统计学 Health Statistics | 72 | 4.5 | 50 | | 22 | | 6 |
| · 学科 plinary | 必修 Required | MHM0651 | 卫生管理综合 Health Management | 48 | 3 | 48 | | | | 7 |
| 学科专业基础 | 必修 Required | PUH0592 | 医学心理学 Medical Psychology | 24 | 1.5 | 24 | | | | 6 |
| 35 畑 | 必修 Required | PHI0711 | 医学伦理学 Medical Ethics | 24 | 1.5 | 24 | | | | 1 |
| | 必修 Required | PUH2051 | 社会医学 Social Medicine | 32 | 2 | 32 | | | | 5 |
| | 必修 Required | CLF2212 | 内科学 Internal Medicine | 192 | 12 | 96 | | 96 | | 8-9 |
| | 必修 Required | CLF2241 | 外科学 Surgery | 192 | 12 | 96 | | 96 | | 8-9 |
| 专业 | 必修 Required | CLF2071 | 妇产科学 Obstetrics and Gynecology | 96 | 6 | 48 | | 48 | | 8-9 |
| 专业课程: | 必修 Required | CLF2032 | 儿科学 Paediatrics | 96 | 6 | 48 | | 48 | | 8-9 |
| 专业核 | 必修 Required | CLF2251 | 眼科学 Ophthalmology | 24 | 1.5 | 24 | | | | 9 |
| 心 | 必修 Required | CLF2041 | 耳鼻咽喉科学 Otolaryngology | 24 | 1.5 | 24 | | | | 9 |
| jor-spe | 必修 Required | CLF2221 | 皮肤性病学 Dermatology and Venereology | 24 | 1.5 | 24 | | | | 9 |
| Major-specific Core Courses | 必修 Required | CLF2231 | 神经及精神病学 Neurology and Psychiatry | 32 | 2 | 32 | | | | 9 |
| ore Cou | 必修 Required | CLF2021 | 传染病学 Lemology (Infectious Diseases) | 32 | 2 | 32 | | | | 9 |
| ırses | 必修 Required | CLF2091 | 急诊医学 Emergency Medicine | 24 | 1.5 | 24 | | | | 9 |
| | 必修 Required | CLF2081 | 核医学 Nuclear Medicine | 24 | 1.5 | 24 | | | | 8 |
| | 必修 Required | CLF2121 | 口腔医学 Stomatology | 24 | 1.5 | 24 | | | | 9 |

续表

| 课程 | 课程 | 课程 | | | | | 其 includ | | | 设置 |
|--------------------------|-----------------------------|----------------------|---|-----------|-----------|---------------|----------|-----------------------|-------------|----------------|
| 类别 course type | 性质 required/ elective | 代码 course code | 课程名称 course name | 学时 hrs | 学分 crs | 大课 lecture | 小课 | 实验/ 实践 exp/prac | 课外 extra | 学期 semester |
| | 必修 Required | DFM2031 | 法医学 Forensic Medicine | 24 | 1.5 | 24 | | | | 8 |
| | 必修 Required | CLF2261 | 中医学(含针灸学) Traditional Chinese Medicine | 56 | 3.5 | 54 | | 2 | | 8 |
| | 必修 Required | CLF2111 | 康复医学 Rehabilitation Medicine | 24 | 1.5 | 20 | | 4 | | 9 |
| | 必修 Required | CLF3722 | 内科学实习(含社区实习2周) Internal Medicine Intern (Including Community 2 weeks) | 16w | 8 | | | 16w | | 10-12 |
| | 必修 Required | CLF3762 | 外科学实习 Surgery Intern | 16w | 8 | | | 16w | | 10-12 |
| | 必修 Required | CLF3612 | 妇产科学实习 Obstetrics and Gynecology Intern | 8w | 4 | | | 8w | | 10-12 |
| | 必修 Required | CLF3582 | 儿科学实习 Paediatrics Intern | 8w | 4 | | | 8w | | 10-12 |
| 实践环节 | 必修 Required | CLF3771 | 眼科学实习 Ophthalmology Intern | 2w | 1 | | | 2w | | 10-12 |
| ₽ Prac | 必修 Required | CLF3591 | 耳鼻咽喉科学实习# Otolaryngology Intern | 2w | 1 | | | 2w | | 10-12 |
| Practical Training Items | 必修 Required | CLF3731 | 皮肤性病学实习 Dermatology Intern | 2w | 1 | | | 2w | | 10-12 |
| raining | 必修 Required | CLF3561 | 传染病学实习 Lemology Intern | 4w | 2 | | | 4w | | 10-12 |
| Items | 必修 Required | CLF3751 | 神经及精神病学实习 Neurology and Psychiatry Intern | 4w | 2 | | | 4w | | 10-12 |
| | 必修 CLF2791 医 | | 医学影像学实习 Medical Imaging Intern | 2w | 1 | | | 2w | | 10-12 |
| | 必修 Required | CLF3801 | 入学教育 Admission Education | 1w | 0.5 | | | 1w | | 1 |
| | 必修 Required | CLF3521 | 毕业考试 Graduation Examination | 1w | 0.5 | | | 1w | | 12 |
| | 必修 Required | CLF3511 | 毕业教育 Graduation Education | 1w | 0.5 | | | 1w | | 12 |

十、说明

X. Explanations

- 1. 为保证学生学习期间能够与病人有效沟通与交流,教学语言第一、二学年全英语教学,第三、四学年双语教学,第五、六学年汉语教学。
- 2. 临床课程教学为理论教学与临床见习相结合。第八、九学期内科学、外科学、妇产科学、儿科学采取理论与实践相结合的床边教学共 36 周。其中内科 12 周、外科 12 周、妇产科 6 周、儿科 6 周。所有理论课程结束后进入临床实习阶段。(注:从第八学期开始,寒暑假不休息,正常上课)。

- 3. 预防医学课程包括:劳动卫生与职业病学、营养卫生学、环境卫生学、儿少卫生与妇女保健学、临床流行病学。
 - 4. 卫生管理综合课程包括:卫生法学、卫生事业管理、卫生经济学、社区保健等。
- 5. 医学本科留学生完成教学计划的各项要求,学习成绩合格者,经审核准予毕业,颁发毕业证书。符合《中华人民共和国学位条例》者,授予医学学士学位,英文副本可为 MBBS (Bachelor of Medicine & Bachelor of Surgery)。
- 1. To ensure the effective communication between students and patients, courses in the first and second year will be taught in English; the third and fourth year will be bilingual teaching; the fifth and sixth year will be taught in Chinese.
- 2. Clinical courses consist of theory teaching and clinical clerkship. The main four courses will take the mode of bedside teaching and clinical clerkship with 36 weeks in total, 12 weeks for internal medicine; 12 weeks for Surgery; 6 weeks for Gynecology and Obstetrics; 6 weeks for Pediatrics during the 8th and 9th semesters. Ophthalmology, Otolaryngology, Dermatology and Venereology, Neurology and Psychiatry, Lemology (Infectious Diseases), Stomatology, Emergency Medicine and Rehabilitation Medicine will be finished during the 10th semester, then enter the stage of clinical practice. (No summer and winter holiday for clinical courses and internship from the 8th semester.)
- 3. The courses of Preventive Medicine include: the labor hygiene and occupational diseases, nutrient hygiene, environmental hygiene, children's and women's health, and clinical epidemiology.
- 4. The courses of Health Management include: health law, health management, health economics and community health, etc.
- 5. The students who have finished the courses required by the Teaching Plan and passed the Graduation Examination will be awarded the Diploma as well as the Bachelor's Degree in Medicine when he/she meets the requirements of *Regulations Concerning Academic Degrees in the People's Republic of China*. The English version could be translated as MBBS (Bachelor of Medicine & Bachelor of Surgery).

十一、基准学期进程安排表

XI. Arrangements for Each Semester

| Al. Allangemen | | | | | | ☆ → が # ロ | | | | | | |
|--|---------------|-----------------------------------|------------|----------------|-----------|---|-------------------|-----------------------------------|------------|----------------|-----------|--|
| | 第一学期 | | | | | | 第二学期 | | | | | |
| S | emester | | | | | S | emester | | | | | |
| 课 程 Courses | 大课 | 课内 rriculums 小课 Tutorial | 实验 | 总学 时 Hrs | 学分 Crs | 课 程 Courses | 大课 | 课内 rriculums 小课 Tutorial | 实验 | 总学 时 Hrs | 学分 Crs | |
| 入学教育 Admission Education | | | | 1w | 0.5 | 初级汉语(二) Elementary Chinese(Ⅱ) | 80 | | | 80 | 5.0 | |
| 初级汉语(一) Elementary Chinese(I) | 136 | | | 136 | 8.5 | 初级汉语听力(二) Elementary Chinese Listening (II) | 48 | | | 48 | 3.0 | |
| 初级汉语阅读(一) Elementary Chinese Reading(I) | 48 | | | 48 | 3.0 | 医学汉语(一) Medical Chinese(I) | 64 | | | 64 | 4.0 | |
| 初级汉语听力(一) Elementary Chinese Listening (I) | 48 | | | 48 | 3.0 | 计算机网络技术及应用 Computer Network & Application | 32 | | 16 | 48 | 3.0 | |
| 初级汉语口语(一) Elementary Spoken Chinese(I) | 48 | | | 48 | 3.0 | 大学物理(四) Physics (IV) | 64 | | | 64 | 4.0 | |
| 微积分(四) Calculus (IV) | 56 | | | 56 | 3.5 | 物理实验(一) Physical Experiments (I) | | | 32 | 32 | 1.0 | |
| 基础化学(二) Fundamental Chemistry (Ⅱ) | 50 | | 38 | 88 | 5.5 | 有机化学(一) Organic Chemistry(I) | 52 | | 44 | 96 | 6.0 | |
| 大学计算机基础 Introduction to Computer Technology | 20 | | 12 | 32 | 2.0 | 细胞生物学 Cell Biology | 32 | | 16 | 48 | 3.0 | |
| 生命科学导论 Introduction to Life Sciences | 16 | | | 16 | 1.0 | | | | | | | |
| 医学伦理学 Medical Ethics | 24 | | | 24 | 1.5 | | | | | | | |
| 合 计 Total | 446 | | 50 | 496/ 1w | 31.5 | 合 计 Total | 372 | | 108 | 480 | 29.0 | |
| | 第三学期 | | | | | 第四学期 | | | | | | |
| S | emester | | | | | S | emester | | | | | |
| 7田 本日 | Cu | 课内 rriculums | ; | 总学 | 774 Y.C | 7⊞ 4□ | Cu | 课内 ırriculum: | S | 总学 | ١٨ ﭘﻼړ | |
| 课 程 Courses | 大课 Lecture | 小课 Tutorial | 实验 Exp. | 时 Hrs | 学分 Crs | 课 程 Courses | 大课 Lectur e | 小课 Tutorial | 实验 Exp. | 时 Hrs | 学分 Crs | |
| 中级汉语(一) Intermediate Chinese(I) | 80 | | | 80 | 5.0 | 中级汉语(二) Intermediate Chinese(II) | 64 | | | 64 | 4.0 | |
| 医学汉语(二) Medical Chinese(Ⅱ) | 32 | | | 32 | 2.0 | 医学汉语(三) Medical Chinese (Ⅲ) | 32 | | | 32 | 2.0 | |
| 中国概况 Survey of China | | 32 | | 32 | 2.0 | 生理学 Physiology | 100 | 12 | | 112 | 7.0 | |
| 系统解剖学 Systematic Anatomy | 80 | | 48 | 128 | 6.5 | 机能实验 1 Functional Experiments 1 | | | 32 | 32 | 1.0 | |
| 组织学与胚胎学 Histology and Embryology | 68 | | 44 | 112 | 5.5 | 生物化学与分子生物学 Biochemistry & Molecular Biology | 94 | | 42 | 136 | 7 | |
| 合 计 Total | 260 | 32 | 92 | 384 | 21.0 | 合 计 Total | 290 | 12 | 74 | 376 | 21 | |

华中科技大学 2017 级本科专业培养计划

| | 第五学期 | 1 | | | | Ž. | 第六学期 | | | | |
|---------------------------------------|----------|------------------|------|---------|-----------|---|-----------|-----------------|-------|---------|-----------|
| | Semester | 5 | | | | | emester 6 | | | | |
| 课程 | C | 课内 ırriculums | | 总学 | 学分 | 课程 | C. | 课内 | | 总学 | 学分 |
| 床 住 Courses | 大课 | 小课 | 实验 | 时 | 子刀 Crs | 床 性 Courses | 大课 | rriculums 小课 | 实验 | 时 | 子刀 Crs |
| | Lecture | Tutorial | Exp. | Hrs | | | Lecture | Tutorial | Exp. | Hrs | |
| 中级汉语(三) Intermediate Chinese (][]) | 64 | | | 64 | 4.0 | 中级汉语(四) Intermediate Chinese ([V) | 64 | | | 64 | 4.0 |
| 医学汉语(四) Medical Chinese ([V) | 32 | | | 32 | 2.0 | HSK 强化 HSK Training | 32 | | | 32 | 2.0 |
| 医学遗传学 Medical Genetics | 20 | | 12 | 32 | 1.5 | 局部解剖学 Regional Anatomy | | | 72 | 72 | 2 |
| 医学免疫学 Medical Immunology | 36 | | 12 | 48 | 2.5 | 病理学 Pathology | 50 | 18 | 36 | 104 | 5.5 |
| 病原生物学 Medical Microbiology | 74 | | 54 | 128 | 6.0 | 卫生统计学 Health Statistics | 50 | | 22 | 72 | 4.5 |
| 社会医学 Social Medicine | 32 | | | 32 | 2.0 | 医学心理学 Medical Psychology | 24 | | | 24 | 1.5 |
| 合 计 Total | 258 | | 78 | 336 | 18 | 合 计 Total | 220 | 18 | 130 | 368 | 19.5 |
| | 第七学期 | | | | | | 八~九学月 | | | | |
| | Semester | 7 课内 | | | | Sei | mester 8- | 9 课内 | | | |
| 课程 | Cu | ırriculums | | 总学 时 | 学分 | 课程 | Cu | ırriculums | | 总学 时 | 学分 |
| Courses | 大课 | 小课 | 实验 | Hrs | Crs | Courses | 大课 | 小课 | 见习 | Hrs | Crs |
| 药理学 | Lecture | Tutorial | Exp. | | | 医学影像学 | Lecture | Tutorial | Clerk | | |
| Pharmacology 病理生理学 | 52 | 28 | | 80 | 5.0 | Medical Imaging 核医学 | 40 | | | 40 | 2.5 |
| Pathophysiology 机能实验 2 | 48 | 8 | | 56 | 3.5 | Nuclear Medicine 手术学 | 24 | | | 24 | 1.5 |
| Functional Experiments 2 | | | 64 | 64 | 2.0 | Fundamentals of Operation | 4 | | 28 | 32 | 2.0 |
| 物理诊断学 Physical Diagnostics | 38 | | 42 | 80 | 4.0 | 内科学 Internal Medicine | 96 | | 96 | 192 | 12.0 |
| 实验诊断学 Experimental Diagnostics | 20 | | 20 | 40 | 2.0 | 外科学 Surgery | 96 | | 96 | 192 | 12.0 |
| 预防医学 | 72 | | | 72 | 4.5 | 妇产科学 Obstetrics and Gynecology | 48 | | 48 | 96 | 6.0 |
| Preventive Medicine 卫生管理综合 | 48 | | | 48 | 3.0 | 儿科学 | 48 | | 48 | 96 | 6.0 |
| Health Management | | | | | | Paediatrics 中医学(含针灸学) | | | | | |
| | | | | | | Traditional Chinese | 54 | | 2 | 56 | 3.5 |
| | | | | | | 循证医学 Evidence-based Medicine | 24 | | | 24 | 1.5 |
| | | | | | | 眼科学 Ophthalmology | 24 | | | 24 | 1.5 |
| | | | | | | 耳鼻咽喉科学 Otolaryngology | 24 | | | 24 | 1.5 |
| | | | | | | 皮肤性病学 Dermatology and Venereology | 24 | | | 24 | 1.5 |
| | | | | | | 神经及精神病学 Neurology and Psychiatry 失為妄兴 | 32 | | | 32 | 2.0 |
| | | | | | | 传染病学 Lemology (Infectious Diseases) | 32 | | | 32 | 2.0 |
| | | | | | | 口腔医学 Stomatology | 16 | | 8 | 24 | 1.5 |
| | | | | | | 急诊医学 Emergency Medicine | 24 | | | 24 | 1.5 |
| | | | | | | 康复医学 Rehabilitation Medicine | 20 | | 4 | 24 | 1.5 |
| | | | | | | 法医学 Forensic Medicine | 24 | | | 24 | 1.5 |
| 合 计 Total | 278 | 36 | 126 | 440 | 24.0 | 合 计 Total | 654 | | 330 | 984 | 61.5 |

| | 第十~十二学 Semester 10- | | | | |
|---|------------------------|-------------------|--------------|-----|------|
| 课程 | | 课内 Curriculums | | 总学时 | 学分 |
| Courses | 大课 Lecture | 小课 Tutorial | 实习 Intern | Hrs | Crs |
| 内科实习(含社区医学实习 2 周) Internal Medicine Intern | | | 16w | 16w | 8.0 |
| 外科实习 Surgery Intern | | | 16w | 16w | 8.0 |
| 妇产科实习 Gynecology Intern | | | 8w | 8w | 4.0 |
| 儿科实习 Paediatrics Intern | | | 8w | 8w | 4.0 |
| 毕业考试 Graduation Examination | | | 1w | 1w | 0.5 |
| 毕业教育 Graduation Education | | | 1w | 1w | 0.5 |
| 眼科实习 Ophthalmology Intern | | | 2w | 2w | 1.0 |
| 耳鼻喉科实习 Otolaryngology Intern | | | 2w | 2w | 1.0 |
| 皮肤科实习 Dermatology Intern | | | 2w | 2w | 1.0 |
| 传染科实习 Lemology Intern | | | 4w | 4w | 2.0 |
| 神经及精神病科实习 Neurology and psychiatry Intern | | | 4w | 4w | 2.0 |
| 医学影像学实习 Medical Imaging Intern | | | 2w | 2w | 1.0 |
| 合 计Total | | | 66w | 66w | 33.0 |